

CLAIM AMENDMENTS

1. (Previously Presented) A controlled debris perforating system, comprising:
a shaped charge having a charge case and an explosive material, the charge case
defining at least one slot about which the charge case is adapted to fracture.

2.-11. (Cancelled)

12. (Previously Presented) A shaped charge made by a process, comprising:
inserting an explosive into a case;
inserting a liner over the main body of explosive; and
machining a plurality of slots in the case about which the case is adapted to
fracture.

13.-16. (Cancelled)

17. (Previously Presented) A method of using one or more shaped charges in a well,
comprising:
providing a perforating string having one or more shaped charges, the shaped
charges comprising a charge case defining at least one slot about which the charge case is
adapted to fracture; and
conveying the perforating string into the well.

18. (Original) The method of claim 17, wherein the perforating string comprises a
loading tube and carrier.

19. (Original) The method of claim 17, wherein the perforating string comprises a
spiral gun.

20. (Original) The method of claim 17, wherein the perforating string comprises a
strip gun.

21. (Previously Presented) The controlled debris perforating system of claim 1, wherein the case comprises a plurality of slots about which the case is adapted to fracture.

22. (Previously Presented) The controlled debris perforating system of claim 1, wherein the case comprises an opening to receive the explosive material and the opening is separate from said at least one slot.

23. (Previously Presented) The controlled debris perforating system of claim 1, wherein said at least slot comprises at least one groove formed in a wall of the case.

24. (Previously Presented) The controlled debris perforating system of claim 23, wherein said at least one groove comprises a plurality of grooves.

25. (Previously Presented) The controlled debris perforating system of claim 23, wherein said at least one groove is cut into the wall of the case.

26. (Previously Presented) The method of claim 17, wherein the case comprises a plurality of slots about which the case is adapted to fracture.

27. (Previously Presented) The method of claim 17, wherein the case comprises an opening to receive an explosive material and the opening is separate from said at least one slot.

28. (Previously Presented) The method of claim 17, wherein said at least slot comprises at least one groove formed in a wall of the case.

29. (Previously Presented) The method of claim 28, wherein said at least one groove comprises a plurality of grooves.

30. (Previously Presented) The method of claim 28, wherein said at least one groove is cut into the wall of the case.

31. (New) The shaped charge made by the process of claim 12, wherein the case comprises an opening to receive the explosive and the opening is separate from any one of said plurality of slots.

32. (New) The shaped charge made by the process of claim 12, wherein at least one of the slots comprises a groove cut into a wall of the case.